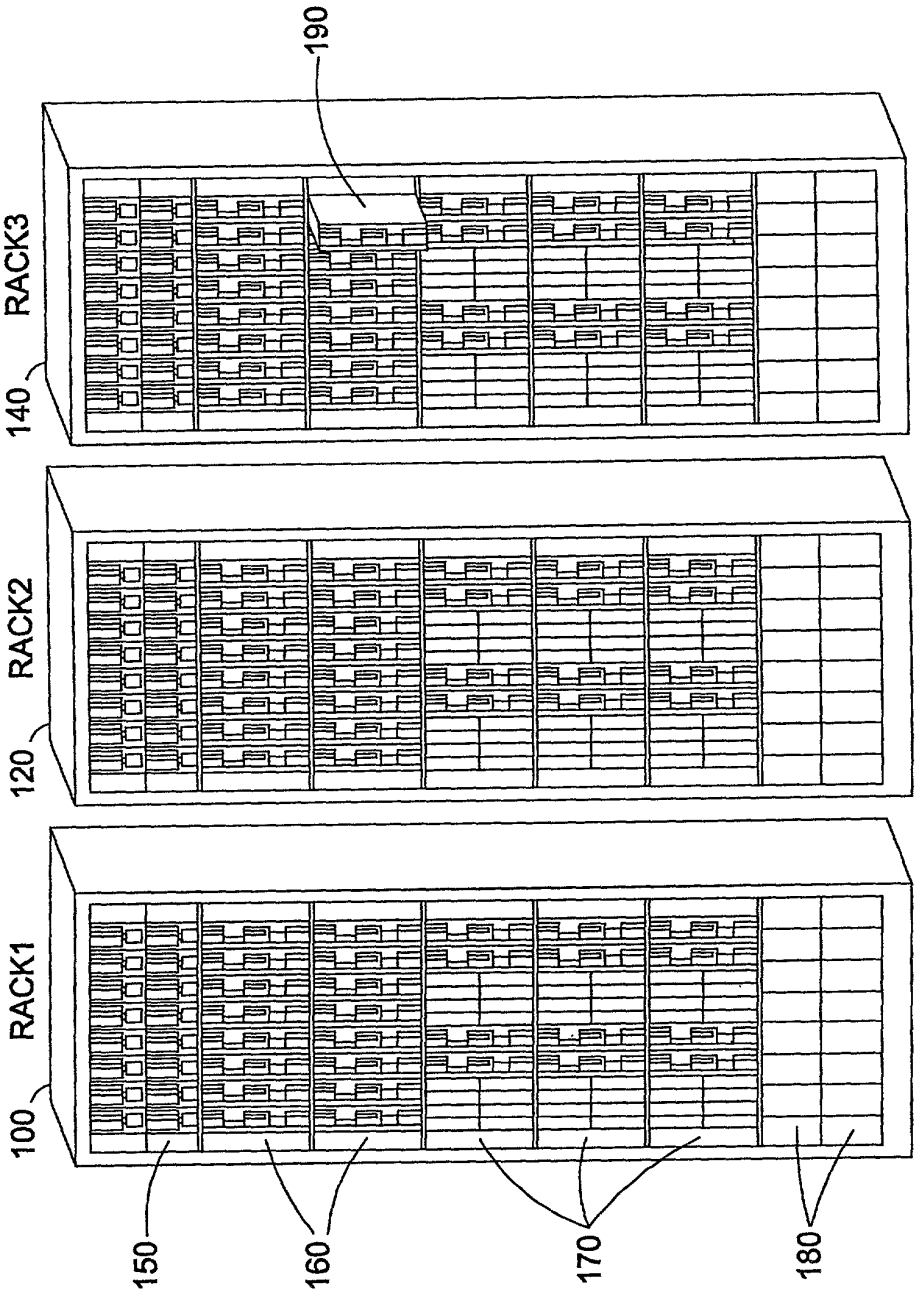

Fig. 1

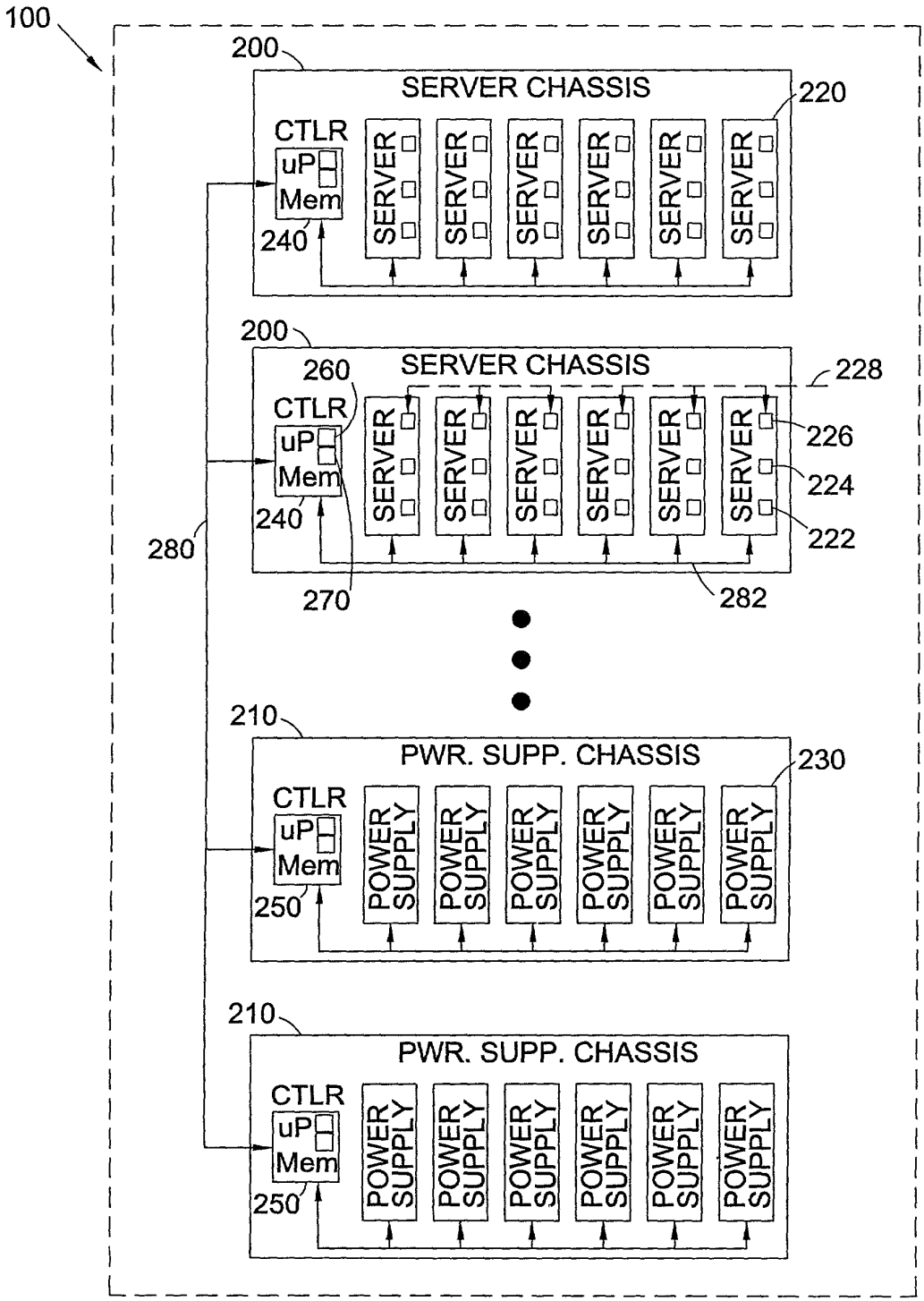
100
200
SERVER CHASSIS
220
CTLR
uP
Mem
240
SERVER
200
260
SERVER CHASSIS
228
226
224
222
280
270
282
210
PWR. SUPP. CHASSIS
230
POWER SUPPLY
250

Fig. 2A

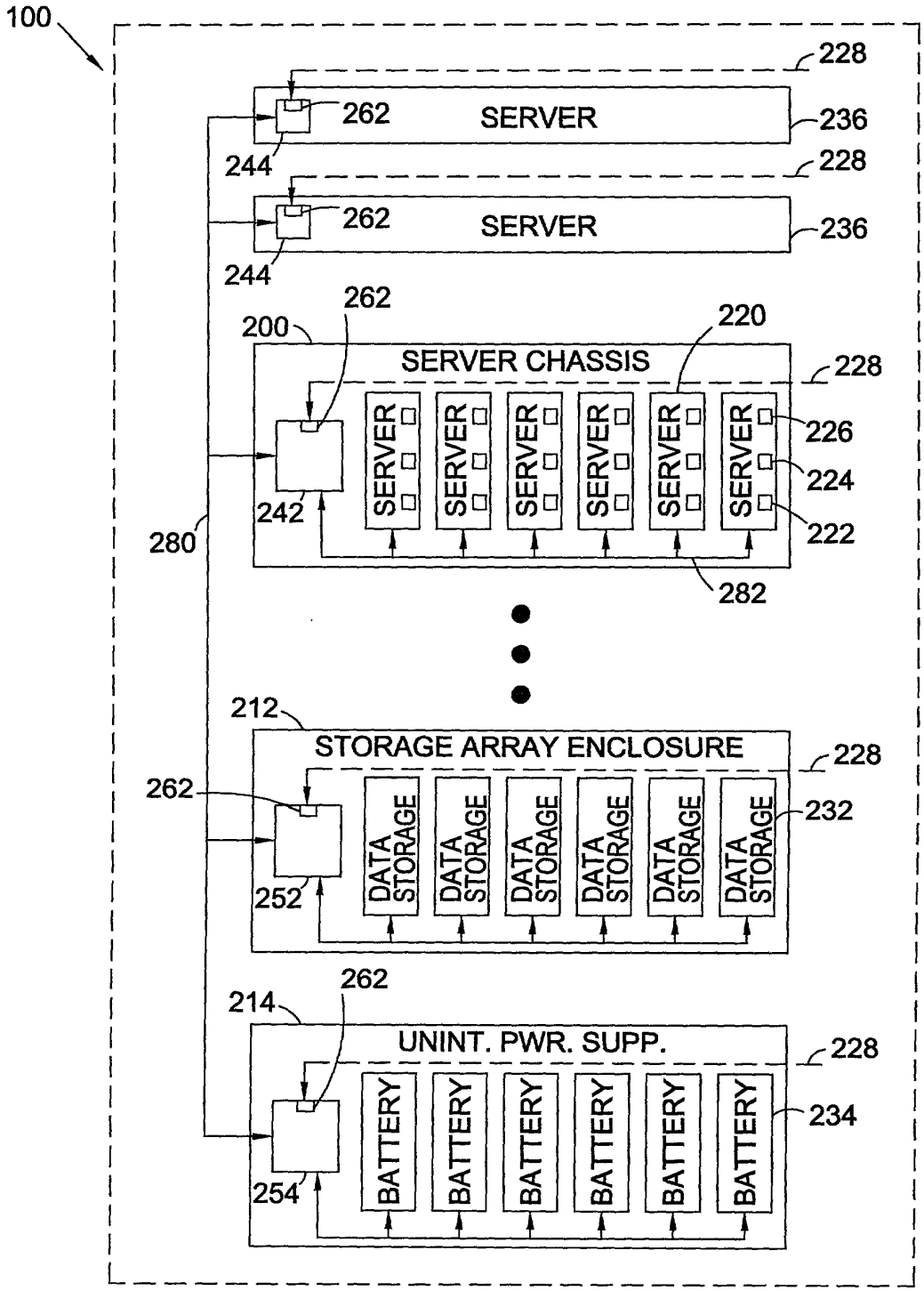
100
228
262
SERVER
236
244
228
262
SERVER
236
244
262
200
220
SERVER CHASSIS
228
SERVER
SERVER
SERVER
SERVER
SERVER
SERVER
226
224
222
242
280
282
212
STORAGE ARRAY ENCLOSURE
228
262
DATA STORAGE
DATA STORAGE
DATA STORAGE
DATA STORAGE
DATA STORAGE
DATA STORAGE
232
252
262
214
UNINT. PWR. SUPP.
228
BATTERY
BATTERY
BATTERY
BATTERY
BATTERY
BATTERY
234
254

Fig. 2B

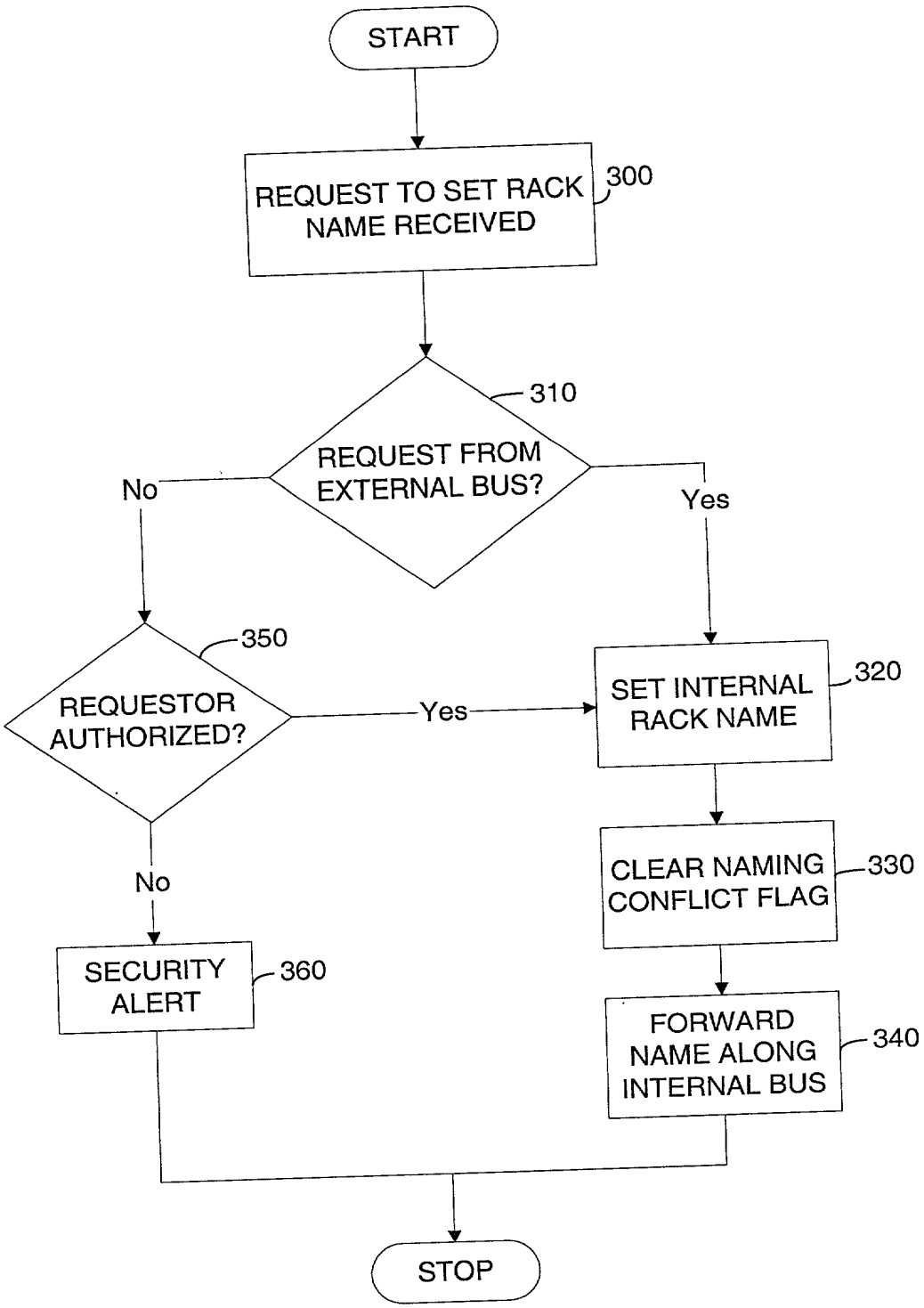
START
REQUEST TO SET RACK NAME RECEIVED
300
REQUEST FROM EXTERNAL BUS?
310
No
Yes
REQUESTOR AUTHORIZED?
350
Yes
SET INTERNAL RACK NAME
320
CLEAR NAMING CONFLICT FLAG
330
No
SECURITY ALERT
360
FORWARD NAME ALONG INTERNAL BUS
340
STOP

Fig. 3

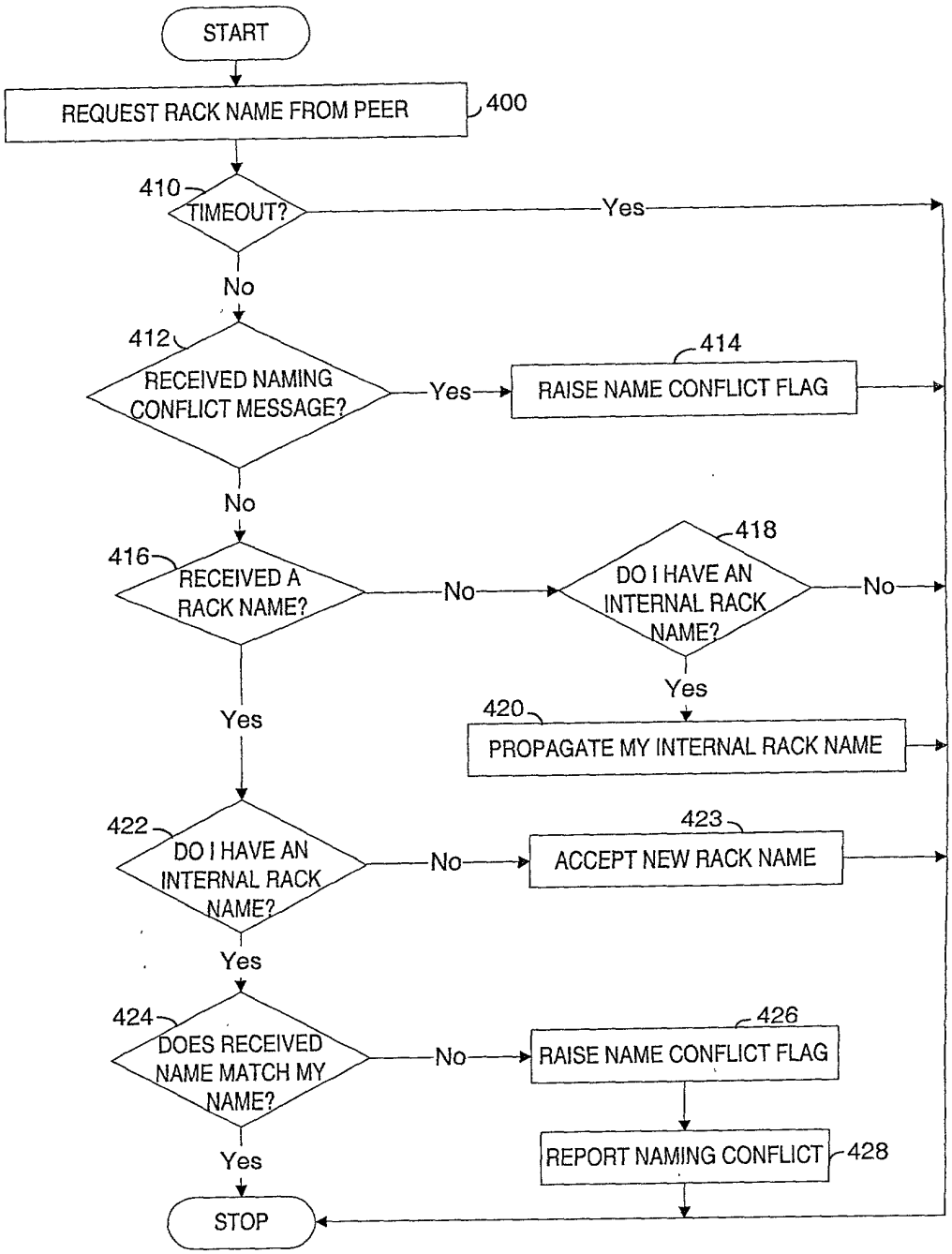
START
REQUEST RACK NAME FROM PEER
400
410
TIMEOUT?
Yes
No
412
RECEIVED NAMING CONFLICT MESSAGE?
Yes
414
RAISE NAME CONFLICT FLAG
No
416
RECEIVED A RACK NAME?
No
418
DO I HAVE AN INTERNAL RACK NAME?
No
Yes
Yes
420
PROPAGATE MY INTERNAL RACK NAME
422
DO I HAVE AN INTERNAL RACK NAME?
No
423
ACCEPT NEW RACK NAME
Yes
424
DOES RECEIVED NAME MATCH MY NAME?
No
426
RAISE NAME CONFLICT FLAG
Yes
REPORT NAMING CONFLICT
428
STOP

Fig. 4